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FIELD SERVICE MANUAL,
1914.

INFANTRY BATTALION.
(EXPEDITIONARY FORCE.)

NOTE.—Field Service Manuals are not the authority for the supply of war outfit of units. The details, laid down in latest Mobilization Store Tables, Equipment Regulations, Clothing Regulations, &c., will be followed.

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Section 1.—General Notes.

1. Basis of establishment and outfit.—The tables contained in this Manual are drawn up on the basis of a campaign in a civilized country, and in a temperate climate. When mobilization is for a campaign under different conditions, certain modifications will become necessary, and will be notified from the War Office.*

2. War establishment.—The normal war establishment of an infantry battalion, showing its composition as regards personnel and animals, is given in Section 2, and no men or horses in excess of the "total battalion" will be allowed to accompany the unit in the field, except as provided in para. 9 and footnote.†

The transport officer shown in italics (p. 8), is not included as such in the total battalion, but forms part of the company establishment of officers.

For purposes of administration, the details of battalion headquarters including the machine gun section (other than the battalion commander, senior major, adjutant, medical officer and quartermaster) are posted to companies of the battalion as supernumerary to the establishment of platoons. Their distribution is at the discretion of the battalion commander, but should be so arranged that the numbers so posted to companies shall be approximately equal.

With the exception of the warrant officer and staff serjeants, the details of the battalion headquarters and machine gun section (other than officers) will sleep and mess with their companies, or otherwise as the battalion commander may direct.

3. Transport.—The transport of a battalion is shown after its war establishment. The transport is divided in the field as follows:—

1st line.—(which always accompanies the battalion on the march): S.A.A. and water carts; G.S. limbered wagons for tools; Maltese cart; limbered wagon for machine guns; pack and spare animals; and cooks' wagon or travelling kitchens.

Train transport (under the A.S.C.): G.S. Wagons.

The four G.S. wagons, train transport, are numbered consecutively and allotted as follows:—

Baggage section.—Nos. 1 and 2, baggage and general stores.

No. 1 carries for "A" and "B" companies and attached details, and No. 2 carries for "C" and "D" companies and attached details. In addition the wagons share the balance of regimental equipment, not belonging to companies.

Supply section.—Nos. 3 and 4, supplies.

* This manual has been based on War Establishments, Part 1, Expeditionary Force, 1914, and on A.F. G.1098-43 dated February, 1914.

† In the case of units which have not exchanged their cooks' wagon for 4 travelling kitchens, the establishment will be decreased by 3 drivers and 6 draught horses.

A.S.C. drivers.—The train transport is provided by the Army Service Corps. When in the field, rations, &c., for these men and horses are carried by the company of the train to which the men and horses belong.

Spare drivers for train transport are included in the war establishment of the Army Service Corps company of the train to which the drivers belong. One man per wagon and one N.C.O. per battalion will be detailed to accompany the train wagons of the unit.

The personnel and animals of the A.S.C. train transport allotted to the battalion will accompany it by rail and oversea, joining the A.S.C. train on arrival in the area of concentration.

4. Horses, spare.—Spare draught horses are allowed at the rate of 10 per cent. A driver is allowed for each pair of spare horses.

Veterinary arrangements.—The horses and transport animals of an infantry battalion belonging to a division are in the veterinary charge of the veterinary officer with the Infantry Brigade Headquarters. Those of the battalion with army troops are in charge of the veterinary officer with the army troops train. The director of veterinary services or his representative with the headquarters of the inspector-general of communications will detail a veterinary officer to take charge of the animals of a battalion on the lines of communication.

Shoeing.—The shoeing of horses and transport animals will be carried out by the battalion cold shoers, assisted by the farriers of the Army Service Corps company to which the train drivers of the battalion belong.

5. Medical and sanitary arrangements.—An officer for medical charge, and rank and file for water duties, &c., are provided by the R.A.M.C. One N.C.O. and eight privates per battalion are trained in sanitary duties. On arrival in camp, billets, or bivouac, they are available for sanitary duties, and are placed under the orders of the medical officer for camp sanitation purposes, working in conjunction with the R.A.M.C. personnel attached. At all other times they take their places in the ranks.

6. Bâtmens.—Bâtmens in the field are allowed at the rate of one for each dismounted officer, or mounted officer with one horse, and two for each mounted officer with two horses.

All bâtmens are fully armed and trained soldiers, and are available for duty in the ranks.

7. Reinforcement.—Drafts to replace wastage are calculated for infantry at the rate of 44 per cent. for the first six months, or 80 per cent. during the first year of a war. The first portion of these drafts is known as "first reinforcement," and is calculated at 10 per cent. of rank and file. The first reinforcement mobilizes with the battalion, but, unless otherwise ordered, will not accompany it when it leaves its place of mobilization. Special instructions will be issued for the movement of these details.

Other details shown in the table as "left at the base" also mobilize with the battalion; the orderly room serjeant is detached

to join the A.G's office at the base; the remainder are attached with the first reinforcement to one of the infantry base depôts.

8. War outfit.—War outfit is the material of all kinds which a unit requires for war.

The method of carrying it is laid down in Sections 3-7.

(a) **Ordnance stores.**—The ordnance stores required on mobilization are laid down in the mobilization store table for an infantry battalion (expeditionary force).

(b) **Clothing and necessaries.**—The clothing and necessaries required on mobilization are detailed in the Regulations for the Clothing of the Army, Part III.

(c) **Supplies; and medical equipment.**—Details of the scale of supplies will be found in War Establishments and Allowance Regulations; medical equipment in Regulations for the Medical Services of the Army.

(d) **Stationery.**—The stationery considered necessary for an infantry battalion in the field is shown in "Tables of Books, Army Forms and Stationery taken into the field by units of the Expeditionary Force," issued with Army Orders. A list of contents is pasted inside the lid of each stationery box.

9. Blankets.—Blankets for personnel are not included in the normal scale of war outfit; but, when specially ordered, one blanket per man will be carried. This necessitates an addition of two G.S. wagons to the normal scale of transport; the extra personnel, horses and vehicles required, are shown in a note on the War Establishment table (page 11). The blankets may be distributed, as found convenient, between the additional G.S. wagons and Nos. 1 and 2 G.S. wagons allotted for the carriage of baggage and stores.

10. Replenishment of stores.—General requisites, such as spare parts, and materials for repair, are calculated on the assumption that it will be possible to replenish them at intervals of about a fortnight.

11. Mobilization.—The arrangements for bringing a battalion up to War Establishment in men and horses, and for the completion of its war outfit are laid down in Mobilization Regulations.

Orders for movement, when mobilization is complete, will be issued from the War Office to General Officers Commanding-in-Chief.

Section 2.—WAR ESTABLISHMENT AND TRANSPORT.

An Infantry Battalion. War Establishment.

Detail.		Personnel.		Horses and Cobs.		Bicycles.		Remarks.	
Headquarters (excluding attached)	"	4	1	8	61	74	7	22	1
attached	"	1	1	1	5	18	1	1	9
Machine-guns	"	1	1	1	16	18	4	...	...
4 companies	"	24	40	40	828	918	4	8	5
Total.									20
Battalion officers.									...
Battalion sergeants and buglers.									...
Drummers or buglers.									...
Total.									...
Horses and Cobs.									...
Total.									...
For transport see p. 11.									...
(a) 1 N.C.O. and 8 men are trained in sanitary duties.									...
(b) Battalions which have an authorized peace establishment of papers will have 1 sergeant-piper and 5 pipers in addition.									...

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DETAILS LEFT AT THE BASE.
(Not included in the above totals.)

4	Storemen, first reinforcement, kc.	...	1	...	4	...	93	100
---	------------------------------------	-----	---	-----	---	-----	----	-----	-----	-----	-----

An Infantry Battalion—*continued.*

COMPOSITION IN DETAIL.

(i) Personnel, Horses and Cubbs.

A company is commanded by a major or mounted captain, with a captain, as second in command. It consists of 4 platoons, each commanded by a sub-lieutenant, with a sergeant as second-in-command. Each platoon is divided into 4 sections, each consisting of 12 or 13 N.C.O.'s and men, under

An Infantry Battalion—continued.

Composition in Detail—continued.

(i) Personnel, Horses and Cobs—continued.

Detail.	Personnel.										Horses and Cobs.			Remarks.
	Officers.	Warrant officers.	Sergeants and serjeants-major.	Drummers or buglers.	Horses.	Heavy draught.	Dray.	Back cobs.	Total.	Blank and file.	188	188	188	Horses and Cobs.
Privates
Drivers (1st line transport)
Batmen (c)
Total company (f)	6	...	16	4	207	237	1	...	2	2	5	...

(c) One subaltern of the battalion will act as transport officer.
(d) The orderly-room clerk may be of the rank of corporal, in which case he will be deducted from the sergeants and added to the rank and file.

(e) Batmen are fully armed and trained soldiers and are available for duty in the ranks.

(f) Two men (one a lance-corporal), trained for the duties, will be placed under the orders of the medical officer.

cart for medical equipment.

(g) On mobilization the band of a Line battalion is broken up: those bandmen not required as stretcher bearers being distributed among the companies. A battalion of Foot Guards has no band. The two extra company sergeants-majors of a battalion of Foot Guards will, on mobilization, replace the sergeant and corporal of the band. Eight rank and file are trained in semaphore signalling.

Note.—The above establishment includes 3 lance-sergeants (3 per company) and 49 lance-corporals, including orderly for medical officer with headquarters (and signallers).

DETAILS LEFT AT THE BASE.

Detail.	Horses and Cobs.										Remarks.
	Heavy draught.	Dray.	Back Cobs.	Driver.							
Orderly-room sergeant
Sergeant of the band
Sergeant tailor
Storemen
First reinforcement

(h) One storeman will mobilize with each company.

(ii) Transport.

Detail.	Horses and Cobs.										Remarks.
	Heavy draught.	Dray.	Back Cobs.	Driver.							
1st line.
Headquarters
Machine-gun section
4 companies
Train.
Headquarters	—	—	—	—	—	—	—	—	—	—	...

Note.—When specially ordered, one blanket per man is carried, and 2 G.S. wagons in addition will be required. For these vehicles, 2 extra A.S.C. drivers and 4 extra heavy draught horses will be added to the train transport of the battalion.

(i) Battalions which do not possess travelling kitchens will have in lieu 1 wagon, G.S., for cooks, with 1 driver and 2 heavy draught horses.
(ii) Provided by the Army Service Corps.

Section 3—FIELD KITS.

A.—MOUNTED OFFICERS.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
A.—CLOTHING WORN BY THE OFFICER.				
Boots, ankle pair	1	2	11	
Braces " "	1	0	4	
Cap, service dress (or garrison), with badge	1	0	9	
Disc, identity, with cord	1	0	0 $\frac{1}{2}$	
Leggings pair	1	0	13	
Socks "	1	0	4	
Spurs "	1	0	12	
Suit, service dress (jacket and riding breeches)	1	4	13	
Underclothing suit	1	3	0	
Total (A)	—	13	2$\frac{1}{2}$	
B.—OTHER PERSONAL EFFECTS.				
Books, { A.B. 155	1	1	0	
Field Service Pocket Book	1	0	6 $\frac{1}{2}$	
Cap, comforter (in pocket of great coat)	1	0	3 $\frac{1}{2}$	
Compass, magnetic, pocket (or prismatic, in case)	1	0	4	
Dressing, field (in skirt of jacket)	1	0	2	
Glasses (binoculars or telescope; or both, in one case) ...	1	2	0	Slung from left shoulder.
Grease (or vaseline) in wallets				
tin	1	0	2	
Greatcoat	1	7	1 $\frac{1}{2}$	
Handkerchief	1	0	2	Rolled, 26 inches long behind saddle.
Holdall (in wallets); containing knife, fork and spoon, hairbrush and comb, tooth brush, shaving brush and razor	1	1	3	

A.—Mounted Officers—continued.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
B.—OTHER PERSONAL EFFECTS—continued.				
Knife, clasp, with ring and swivel	1	0	6	
Map	1	0	2	
Matches	1	0	1	
Soap (in wallets) piece	1	0	8	
Socks (") ... pair	1	0	4	
Towel (")	1	0	13	
Watch (in wrist strap)	1	0	4	
Whistle and lanyard	1	0	2 $\frac{1}{2}$	
Total (B)	—	14	12	
C.—ACCOUITEMENTS (SEALED PATTERN).				
Bag, ration	1	0	4	
Belt, "Sam Browne" (waist belt, 2 shoulder belts, ammu. pouch, pistol case, and sword frog)	1	2	0	
Haversack	1	0	11	
Mess-tin	1	1	9*	
Sword knot	1	0	1 $\frac{1}{2}$	
Waterbottle (aluminium) and sling	1	0	14	
Total (C)	—	5	7$\frac{1}{2}$	
D.—ARMS.				
Pistol (no special pattern, but must carry government ammunition)	1	2	8	
Sword	1	2	1 $\frac{1}{2}$	
Scabbard, leather	1	0	9 $\frac{1}{2}$	
Total (D)	—	4	14	
E.—AMMUNITION.				
Cartridges, S.A. ball, pistol, Webley	12	0	9 $\frac{1}{2}$	

* Fastened by off baggage strap to off side of saddle.

On left side of S.B. belt.
On near shoe-case, edge to rear.

A.—Mounted Officers—continued.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
F.—RATIONS AND WATER.				
Bread ration (unconsumed portion) ... say	—	0	12	
Cheese ...	—	0	3	
Biscuit ...	—	0	12	
Preserved Meat (nominal) ...	—	1	0	
Iron Ration				
Tea ... $\frac{4}{3}$ oz. ...	—	—	6 $\frac{1}{2}$	
Sugar ... 2 oz. ...	—	—	6 $\frac{1}{2}$	
Salt ... $\frac{1}{2}$ oz. ...	—	—	6 $\frac{1}{2}$	
Cheese ...	—	0	3	
Meat Extract, cubes	2	0	1	
Water ... pints	2 $\frac{1}{2}$	2	13	
Total (F) ...	—	6	2 $\frac{1}{2}$	
G.—†SADDLERY, PICKETING GEAR, STABLE NECESSARIES, ETC.				
Bag, nose, G.S., with 6 lbs. corn ...	1	7	0	
Brush, horse ...	1	0	10	
Pad, surcingle ...	1	0	10	
Peg, picketing ...	1	1	3	
Ropes, heel ...	1	0	11	
Ropes, heel, picketing ...	1	0	15	
Rubber, horse ...	1	0	10	
Saddlery, complete, with bridle and head rope ... set	1	33	12	
Shoe cases, each with shoe and nails ...	2	3	4	
Total (G) ...	—	48	11	
TOTAL WEIGHT CARRIED ON THE HORSE.				
A.—Clothing ...	—	13	2 $\frac{1}{2}$	
B.—Other personal effects ...	—	14	12	
C.—Accoutrements ...	—	5	7 $\frac{1}{2}$	
D.—Arms ...	—	4	14	
E.—Ammunition ...	—	0	9 $\frac{1}{2}$	
F.—Rations and water ...	—	6	2 $\frac{1}{2}$	
G.—Saddlery, picketing gear, stable necessities, etc. ...	—	48	11	
H.—Rider ... say	—	150	0	
Total on horse ...	—	243	1	Say 17 $\frac{1}{2}$ st.

CARRIED IN TRAIN TRANSPORT.

The following list is drawn up as a general guide, and the articles in it may be varied, but the total weights (excluding articles in camp kettles) of 50 lbs. for a commanding officer, or 35 lbs. for other officers, must not be exceeded:—

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
A.F. B 122 (cover and pad.) Field conduct book ...				
A.F. 6 (cover) A.F. N 1513. Acquittance roll ...	1	0	16	<i>Company commanders only.</i>
Boots, ankle ... pair	1	2	11	
Bucket, canvas ...	1	1	4	<i>In Camp Kettle.</i>
Housewife ...	1	0	4	
Lantern, collapsible, with tallow sides ...	1	0	12	<i>One camp kettle is allowed for every 3 officers, who pack into it—each:</i>
Leggings ... pair	1	0	13	
Portfolio, with writing materials ...	1	1	0	
Shoes, canvas ... pair	1	1	5	
Socks ...	1	0	4	
Suit, service dress ...	1	4	13	
Towels ...	2	1	10	
Underclothing ... suit	1	3	0	
Valise, Wolseley (or other pattern) ...	1	11	3	
Total ...	—	28	15	

NOTE.—Officers may leave at the base a bullock trunk packed with 100 lbs. of personal baggage. This reserve baggage will be forwarded only when it may be deemed convenient to the service by the Commander-in-Chief.

B.—DISMOUNTED OFFICERS.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
A.—CLOTHING WORN BY THE OFFICER.				
Boots, ankle pair	1	2	11	
Braces	1	0	4	
Cap, service dress (or glengarry) with badge	1	0	9	
Disc, identity, with cord ...	1	0	0 $\frac{1}{2}$	
Puttees pair	1	0	13	
Socks	1	0	4	
*Suit, service dress	1	4	13	
Underclothing suit	1	3	0	
Total (A)	—	12	6 $\frac{1}{2}$	
B.—OTHER PERSONAL EFFECTS CARRIED BY THE OFFICER.				
A.B. 153				
Books, Field Service pocket book ...	1	0	10	
Cap, comforter (in pocket of greatcoat) ...	1	0	6 $\frac{1}{2}$	
Compass, magnetic, pocket (or prismatic, in case) ...	1	0	3 $\frac{1}{2}$	
Dressing, field (in skirt of jacket) ...	1	0	4	
Glasses (binoculars or telescope, or both, in one case) ...	1	2	0	
Greatcoat ...	1	7	1 $\frac{1}{2}$	
Handkerchief ...	1	0	2	
Knife, clasp, with ring and swivel ...	1	0	6	
Map ...	1	0	2	
Matches box	1	0	1	
Watch (in wrist strap) ...	1	0	4	
Whistle, and lanyard ...	1	0	2 $\frac{1}{2}$	
Total (B)	—	11	13	
C.—ACCOUETREMENTS (SEALED PATTERN).				
Bag, ration	1	0	4	
Belt, Sam Browne, complete (waistbelt, 2 shoulder belts, sword frog, ammunition pouch, pistol case) ...	1	2	0	
Carrier, greatcoat, and coat straps	1	0	9	
Haversack	1	0	11	

B.—Dismounted Officers—continued.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
C.—ACCOUETREMENTS (SEALED PATTERN)—continued.				
Mess-tin	1	1	9	
Sword knot	1	0	1 $\frac{1}{2}$	
Waterbottle (aluminium) and sling	1	0	14	
Total (C)	—	6	0 $\frac{1}{2}$	
D.—ARMS.				
Pistol (no special pattern, but must carry Government ammunition)	1	2	3	
Sword	1	2	1 $\frac{1}{2}$	
Scabbard (leather) ...	1	0	9 $\frac{1}{2}$	
Total (D)	—	4	14	
E.—AMMUNITION.				
Cartridges, S.A., ball, pistol, Webley rounds	12	0	9 $\frac{1}{2}$	
F.—RATIONS AND WATER.				
Bread ration, unconsumed portion; say	—	0	12	
Cheese ...	—	0	3	
Biscuit ...	—	0	12	
Preserved meat (nominal) ...	—	1	0	
*Iron Ration				Normally one iron ration will be carried, and a second iron ration when specially ordered.
Tea ... $\frac{1}{2}$ oz.	—	—	.6 $\frac{1}{2}$	The components of these rations will be distributed in the officer's equipment as found most convenient.
Sugar 2 oz. in tin	—	—		
Salt ... $\frac{1}{2}$ oz.	—	—		
Cheese ...	—	0	3	
Meat extract cubes 2	0	0	1	
Water pta. 2 $\frac{1}{2}$	2 $\frac{1}{2}$	2	13	
Total (F)	—	6	2 $\frac{1}{2}$	
TOTAL WEIGHT CARRIED ON THE PERSON.				
A.—Clothing	—	12	6 $\frac{1}{2}$	
B.—Other personal effects ...	—	11	18	
C.—Accoutrements ...	—	6	0 $\frac{1}{2}$	
D.—Arms ...	—	4	14	
E.—Ammunition ...	—	0	9 $\frac{1}{2}$	
F.—Rations and water ...	—	6	2 $\frac{1}{2}$	
Total carried	—	41	14	

B.—Dismounted Officers—*continued.*

CARRIED IN TRAIN TRANSPORT.

The following list is drawn up as a general guide, and the articles in it may be varied, but the total weights (excluding articles in camp kettles) of 50 lbs. for a commanding officer or 35 lbs. for other officers, must not be exceeded :—

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
A.F. B 122 (Cover and pad). Field conduct book	1	0	11	
A.F. B (Cover) A.F. N 1513 (pad). Acquittance roll	1	0	15	{ Company commanders only.
Boots, ankle	1	2	11	
Bucket, canvas	1	1	4	In Camp Kettle.
Grease (or vasoline) in tin	1	0	2	
Holdall, containing hairbrush and comb, toothbrush, shaving brush and razor	1	1	0	One camp kettle is allowed for every 3 officers who will pack into it—each:—
Housewife	1	0	4	Cup, enamelled ... 1
Lantern, collapsible, with tale sides	1	0	12	Fork, table ... 1
Puttees	1	0	13	Knife, table ... 1
Portfolio, with writing materials	1	1	0	Plates, enamelled ... 2
Shoes, canvas	1	1	5	Pots, (pepper salt) ... 1
Soap	1	0	3	Spoon, table ... 1
Socks	2	0	8	The weight of these articles is not included in the 50 or 35 lbs. allowed to each officer.
Suit, service dress	1	4	13	If preferred, officers may take private cooking apparatus <i>in addition</i> of camp kettles. In this case an extra baggage allowance of 6 lbs. per officer will be admitted.
Towels	2	1	10	
Underclothing	1	3	0	
Valise (Wolseley) or other pattern	1	11	3	
Total	—	30	8	

NOTE.—Officers may leave at the base a bullock trunk packed with 100 lbs. of personal baggage. This reserve baggage will be forwarded only when it may be deemed convenient to the service by the Commander-in-Chief.

C.—WARRANT OFFICERS, NON-COMMISSIONED OFFICERS, AND MEN (DISMOUNTED).

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
A.—CLOTHING, ETC., WORN BY THE SOLDIER.				"For kiltsed regiments substitute:—
*Boots, ankle	1	4	0	Apron, kilt ... 0 12½
*Braces	1	0	4½	Gaiters, highland ... 0 10½
Cap, service dress or (glosgarry), with badge	1	0	9	Garters and rosettes ... 0 11
Disc, identity, with cord	1	0	0½	Hosetops ... 0 4½
*Drawers, woollen	1	1	0½	Kilt ... 3 13
Jacket, service dress, + and metal titles, with field dressing	1	2	8	Shoes, Highland 3 8
Knife, clasp, with marline spike and tin-opener	1	0	8	† Troops wearing khaki drill sent on active service from a warm to a temperate climate will be supplied with service dress jackets and trousers as soon as available.
Paybook (in right breast pocket of S.D. jacket)	1	0	2	In warm weather the cardigan may be carried in the pack.
*Puttees	1	0	13	
Shirt	1	1	2	
Socks	1	0	4½	
*Trousers, service dress	1	2	0½	
Waistcoat, cardigan	1	1	7	
Total (A) ...	—	14	11	
B.—ARMS. †				† Rangetakers and pipers are armed with pistols. Drummers and buglers are unarmed.
Rifle, with oil-bottle, pull-through, and sling	1	8	15½	Men of the M.G. detachments will place their rifles in the limbered wagon when the M.G. is removed. Men leading pack animals will carry their rifles slung.
Bayonet and scabbard	1	1	8½	N.C.Os. armed as staff-serjeants, and rangetakers, have no bayonet. Pipers wear dirks.
Total (B) ...	—	10	8½	
C.—AMMUNITION.				
Cartridges, S.A., ball, .303 inch	120	7	3	N.C.Os. equipped as staff-serjeants carry 25 rounds. Pioneers carry 80 rounds. Signallers, 50 " Drummers and buglers have no S.A.A. Pipers and rangetakers carry 12 rounds of pistol ammunition.

C.—Warrant Officers, Non-Commissioned Officers, and Men
(Dismounted)—continued.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
D.—TOOLS.				
Implement, for trenching, pattern 1908	head	1	1	5 $\frac{1}{2}$
	helve	1	—	8 $\frac{1}{2}$
Carriers for ditto	head	1	—	9 $\frac{1}{2}$
	helve	1	—	1 $\frac{1}{2}$
		—	2	9 $\frac{1}{2}$
E.—ACCOUTREMENTS.				
Bag, ration	...	1	0	4
Waterbottle, with carrier	...	1	1	6
Web equipment, pattern 1908:—				
Belt, waist	...	1	0	13
Braces, with buckle	...	2	0	11
Carriers, cartridge, left	...	1	0	14 $\frac{1}{2}$
75 rounds	(right)	1	0	14 $\frac{1}{2}$
Frog	...	1	0	3
Beversack (18 $\frac{1}{2}$ ozs.), with knife (3 ozs.), fork (3 ozs.), and spoon (2 $\frac{1}{2}$ ozs.)	...	1	1	11 $\frac{1}{2}$
Pack, with supporting straps (2)	...	1	1	11
Total (E)...	...	—	8	8 $\frac{1}{2}$
F.—ARTICLES CARRIED IN THE PACK.				
Cap, comforter	...	1	0	4
Holdall (3 $\frac{1}{2}$ ozs.), containing laces ($\frac{1}{4}$ oz.), tooth-brush ($\frac{1}{2}$ oz.), razor and case (3 ozs.), shaving-brush (1 $\frac{1}{2}$ ozs.), and comb ($\frac{1}{2}$ oz.)	...	1	0	8 $\frac{1}{2}$
Greatcoat, with metal titles	...	1	6	10 $\frac{1}{2}$
Housewife, fitted	...	1	0	3 $\frac{1}{2}$
Mess-tin and cover	...	1	1	6 $\frac{1}{2}$
Socks, worsted	pair	1	0	4 $\frac{1}{2}$
Soap	piece	1	0	3
Towel, hand	...	1	0	9
Total (F)*	...	—	10	1 $\frac{1}{2}$

Nos. 1 to 4 of M.G. section will have their packs carried for them on the march in the G.S. limbered wagon for M.G.
The greatcoats of pipers may be worn on bandole over the left shoulder, or, with their packs, carried for them in transport vehicles on the march, at the discretion of the Commanding Officer.
* Exclusive of weight of iron ration, which is accounted for in "G" below.

C.—Warrant Officers, Non-Commissioned Officers, and Men
(Dismounted)—continued.

Detail.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
G.—RATIONS AND WATER.				
Bread ration (unconsumed portion)	...	—	(say)	— 0 12
Cheese	...	—	...	— 0 8
Biscuit	...	—	0	12
Preserved meat (nominal)	—	1	0	* Normally one iron ration will be carried in the pack.
*Iron ration	Tea ... $\frac{1}{2}$ oz.	—	0	6 $\frac{1}{2}$
	Sugar $\frac{1}{2}$ ozs.	—	0	6 $\frac{1}{2}$
	Salt $\frac{1}{2}$ oz.	—	0	1
	Cheese	—	0	8
	Meat extract cubes	2	0	1
Water	... pints	2	2	8
Total (G)...	...	—	5	13 $\frac{1}{2}$
TOTAL WEIGHT CARRIED.				
A.—Clothing worn	...	—	14	11
B.—Arms	...	—	10	8 $\frac{1}{2}$
C.—Ammunition	...	—	7	3
D.—Tools	...	—	2	9 $\frac{1}{2}$
E.—Accoutrements	...	—	8	8 $\frac{1}{2}$
F.—Articles in pack	...	—	10	11
G.—Rations and water	...	—	5	13 $\frac{1}{2}$
§ Total	...	—	59	6 $\frac{1}{2}$

§ This is the normal weight carried by a private. But exceptions occur in the case of N.C.Os. and certain other ranks (signallers, range-takers, &c.), for which see "Remarks" and Table D.

The above arrangements allow of the soldier having normally with him the whole of his equipment; but in certain circumstances the commander may decide to increase the amount of S.A.A. carried on the person, and to discard temporarily certain articles of equipment, e.g., pack and contents.

D.—ADDITIONAL ARTICLES CARRIED BY CERTAIN DISMOUNTED MEN.

Articles.	No. per battalion.	Approximate weight of each.	By whom carried.	Remarks.		
					lbs.	ozs.
<i>Musical Instruments.</i>						
Bugles, with strings (a) ...	8	1	10	Buglers or drummers.		
Drums (a) bass (with apron) with cases (b) side (with apron)	1	23	0	Bass drummer.		
Flutes (a) B Flat ...	6	10	15			
with cases (b) F ...	2	1	0	Drummers.		
Piccolos (a) E Flat ...	1	0	7			
with cases (b) F ...	1	0	6			
Pipes (b) ...	6	8	0	Pipers.		
Signalling Equipment ...	...	...	...	...	...	See Section 7F, page 55.
<i>Reconnaissance Equipment.</i>						
Binoculars, non-prismatic ...	32	1	14	8 per company		
in cases (prismatic) ...	2	2	15	Machine-gun section.		
Compasses, magnetic, pocket ...	32	0	2	Scouts.		
Telescopes, signalling, with stands ...	2	3	2	Carried under personal charge of C.O. and adjutant (one each).		
<i>Miscellaneous.</i>						
Breakers, wire, No. 1 ...	16	0	2	Distributed as convenient, and carried either in an empty ammunition pocket of web equipment or in a pocket of the S.D. jacket.		
Cutters, wire, in frogs ...	24	1	4	4 pairs per company, remainder by pioneers.		
Dirks, scabbards, and loops	6(b)	1	3	Pipers.		
Pistol, Webley, with cleaning rod, bayonet, case, ammunition pouch, and 12 rounds ...	5	3	11	Range-takers.		
Rangefinders, infantry (c), with cover, frog and stand)—	5	9	3	Range-takers. One instrument per company and one for the M.G. section.		
No. 1 ...						
No. 2 (in lieu) ...	5	12	3			
Reflectors, mirror, S.A. ...	24	0	1	Senior company N.C.O.s.		
Saws, folding, complete, in leather cases ...	32	1	12	8 per company.		
Stretchers, ambulance ...	8	34	0	2 per company: In Maltese cart on the march, and by stretcher bearers in action. (d)		
Whistles, infantry ...	85	0	1	N.C.O.s. not below the rank of corporal.		

(a) Rifle and light infantry battalions require 17 (instead of 8) bugles and strings, but are not entitled to any of the other musical instruments.

(b) Scots Guards and Highland battalions only.

(c) The No. 1 Infantry R.F. (Marlindin), in canvas cover, weighs 7½ lbs., and No. 2 Infantry R.F. (Barr and Stroud), in canvas cover, weighs 10½ lbs.

(d) Regimental stretcher bearers wear an armlet ("S.B.") on the left arm above the elbow when actually employed as such. 20 armlets per battalion are allowed.

E.—INFANTRY CYCLIST.

(9 bicycles are allowed per battalion, for use of signallers.)

Articles.	No. and how carried.				Approximate weight.	Remarks.
	On cyclist.	Front carrier.	Rear carrier.	In clips.		
A.—CLOTHING, ETC., WORN BY THE SOLDIER.*						
Boots, ankle ...	1	—	—	—	4	0
Braces ...	1	—	—	—	0	4½
Cap, service dress (or glengarry), with badge ...	1	—	—	—	0	0
Disc, identity, with cord ...	1	—	—	—	0	0
Drawers, woollen ...	1	—	—	—	1	0½
Jacket, service dress, and metal titles, with field dressing ...	1	—	—	—	2	8
Knife, clasp, with marline-spike and tin opener ...	1	—	—	—	0	8
Paybook (in right breast pocket of S.D. jacket) ...	1	—	—	—	0	2
Puttees ...	1	—	—	—	0	13
Sheet, ground, Mark V (for use as cape) ...	1	—	—	—	2	8
Shirt ...	1	—	—	—	1	2
Socks ...	1	—	—	—	0	4½
Trousers, service dress ...	1	—	—	—	2	0½
Waistcoat, cardigan ...	1	—	—	—	1	7
Total (A) ...	—	—	—	—	17	3
B.—ARMS.						
Rifle, with oil-bottle, pull-through, and sling ...	—	—	—	—	8	15½
Bayonet and scabbard ...	1	—	—	—	1	8½
Total (B) ...	—	—	—	—	10	8½
C.—AMMUNITION.						
Cartridges, S.A., ball, .303-inch ...	50	—	—	—	3	0
D.—ACCOUTREMENTS.						
Bag, ration ...	1	—	—	—	0	4
Waterbottle, with carrier ...	1	—	—	—	1	6
Web equipment, pattern 1908:—						
Belt, waist ...	1	—	—	—	0	13
Braces with buckle ...	2	—	—	—	0	11
Carriers, cartridge, (left 75 rounds, right 14½) ...	1	—	—	—	0	14½
Frog ...	1	—	—	—	0	3
Haversack (19 ozs.), with knife (3 ozs.), fork (3 ozs.), and spoon (2½ oz.) ...	1	—	—	—	1	13½
Pack, with supporting straps (2) ...	1	—	—	—	1	11
Total (D) ...	—	—	—	—	8	8½

* Cyclists of killed regiments will wear S.D. trousers, puttees, and ankle boots instead of the kilts, &c.
† Troops wearing khaki drill sent on active service from a warm to a temperate climate will be supplied with service dress jackets and trousers as soon as available.
In warm weather the cardigan may be carried in the pack.

E.—INFANTRY CYCLIST—continued.

Articles.	No. and how carried.				Approximate weight.	Remarks.		
	On cyclist.	On cycle.						
		Front carrier.	Rear carrier.	In clips.				
On cyclist.								
		Front carrier.	Rear carrier.	In clips.	lbs.	ozs.		
E.—ARTICLES CARRIED IN THE PACK.								
Cap, comforter ...	—	—	1	—	0	4		
Holdall (1½ ozs.), containing laces (1 oz.), tooth-brush (½ oz.), razor and case (3 ozs.), shaving-brush (1½ ozs.), and comb (½ oz.) ...	—	—	—	—	—	—		
Greatcoat, with metal titles ...	—	—	1	—	0	8½		
Housewife, fitted ...	—	—	1	—	0	3		
Mess-tin and cover ...	—	—	1	—	1	6		
Socks, Worsted ... pair	—	—	1	—	0	4		
Soap ... piece	—	—	1	—	0	3		
Towel, hand ...	—	—	1	—	0	9		
Total (E)	—	—	—	—	10	14		
F.—RATIONS AND WATER.								
Bread, ration, (unconsumed portion) say	—	—	—	—	0	12		
Cheese piece	—	—	—	—	0	3		
Biscuit ... ration	—	—	—	—	0	12		
Preserved meat lbs. (nom.)	—	—	—	—	1	0		
*Iron Ration	Tea $\frac{1}{2}$ oz.	Sugar 2 oz.	in a tin	—	0	6		
Cheese ... piece	—	—	—	—	0	3		
Meat extract cubes	2	—	—	—	0	1		
Water ... pints	2	—	—	—	2	8		
Total (F)	—	—	—	—	5	13½		
TOTAL WEIGHT CARRIED.								
A.—Clothing worn ...	—	—	—	—	17	3		
B.—Arms ...	—	—	—	—	19	8½		
C.—Ammunition ...	—	—	—	—	3	0		
D.—Accoutrements ...	—	—	—	—	8	8½		
E.—Articles in pack ...	—	—	—	—	10	14		
F.—Rations and water ...	—	—	—	—	5	13½		
Total	—	—	—	—	55	24		

F.—MOUNTED MEN.

The transport serjeant and regimental drivers are clothed and equipped, as are other infantrymen (Table C), with the following exceptions:—

(a) Bedford cord pantaloons are worn instead of service dress trousers, and cotton instead of woollen drawers; each man has a pair of jack spurs. Regimental transport personnel of kilted regiments will also wear boots instead of Highland shoes, and puttees instead of gaiters. Chin-straps will be supplied to men wearing glengarry caps.

(b) Intrenching implements are not carried.

(c) Each driver has a whip and legging.

The following are carried on the horses of the transport serjeant and regimental drivers:—

Articles.	Trans- port Serjeant (on the horse).	Drivers.		Approximate weight of each.	
		Near horse.	Off horse.	lbs.	ozs.
Bags, nose, G.S., each with 6 lbs. corn	1	...	2	7	0
Brushes, horse	1	...	2	0	10
Harness sets ...	...	1	1	73	0
Pads, surcingle (on surcingle under horse)	1	1	1	0	10
Pegs, picketing, with rope loop ...	1	1	1	1	3
Ropes, picketing	1	1	1	0	15
Rubbers, horse	1	...	2	0	4
Saddlery, complete, with saddle blanket and headrops ... set	1	..	..	29	4

Instructions for A.S.C. drivers will be found in A.S.C. training, Part I. Special picketing gear is allowed for their heavy draught horses.

Men leading pack animals are clothed as drivers.

Rifles of drivers of G.S. limbered wagons, carts, S.A.A. and water tank, will be carried in the clips provided on the wagon for that purpose. On vehicles not specially fitted the rifles will be carried on wagon footboards.

NOTES.

Packs.—The packs of the transport serjeant and of the regimental drivers of 1st line transport vehicles may be carried on the vehicles. Those of drivers of spare horses and of pack animals will be on the man.

Saddle blanket.—Under the riding or pack saddle. Saddle blankets for officers' horses and horses with luggage saddles are carried in the vehicles, on the march.

Heelropes are allowed for use with restive horses on a scale of 25 per cent. An additional peg is issued with each heel rope. **Picketing gear** (or any part of it) may, at the discretion of the commanding officer, be carried in the regimental transport vehicles. A proportion of **mallets, heelpeg** (about 1 to 20 horses) will be carried on 1st line transport vehicles. **Nose bags**.—When luggage saddle is worn on the off horse, one bag on each side of the luggage saddle is fastened to the near arch (or ring with O.P. saddle).

Carried in the wagon when luggage saddle is not worn. **Horse brush and rubber**.—The method of carrying is left to the discretion of officers commanding, except that these articles are not to be in the nosebag.

G.—ARTICLES LEFT AT THE BASE FOR EACH MAN.

Kit bags, containing the spare kit detailed below, will be handed over to the O.C. base details to be taken to the oversea base with the base details, and will be left in charge of company storemen at the Infantry Base Depot to be forwarded only as may be deemed convenient to the Service by the Commander-in-Chief.

Articles.	No.	Remarks.
<i>Clothing.</i>		
Boots, ankle (a) pair	1	(a) Shoes, Highland, for kilted regiments, but cyclists and regimental transport personnel of kilted regiments will not leave a spare pair of boots or shoes at the base.
Drawers (b) " "	1	
Jacket, service dress (c) "	1	
Shoes, canvas (if in possession) pair	1	
Trousers, service dress (d) ... "	1	(b) Not for kilted men.
<i>Necessaries.</i>		
Brush, hair	1	(c) Not for serving soldiers of Foot Guards, and Highland Light Infantry and kilted regiments.
Hosetops (e) pair	1	
Shirt, flannel	1	(d) Not for serving soldiers of Foot Guards and kilted regiments.
Socks, worsted pair	1	
Towel, hand	1	(e) Men of kilted regiments only, cyclists and regimental transport personnel excepted.

The boots (or Highland shoes) will be tied together, with the soles outwards, the regimental number of the man and the name and number of the battalion being chalked or otherwise legibly marked on the soles. The boots (or shoes) will be placed in the mouth of the kit bag to admit of them being readily withdrawn, should it be necessary to forward them separately to the troops in the field.

Section 4.—PACK TRANSPORT LOADS; AND SPARE ANIMALS.

A.—PACK ANIMAL FOR SMALL-ARM AMMUNITION.

(2 Animals per Company.)

Articles.	No. per Animal.	Approximate weight.		Remarks.
		lbs.	ozs.	
Bags, { line gear, with pair of spare shoes in shoe-case ...	1	1	8	(a) Each containing 1,000 rounds.
nose, G.S. (with unex-pended forage) ...	1	6	0	
Blanket, saddle ...	1	5	4	
Brush, horse ...	1	0	10	
Cartridges , S.A., ball, .303-inch, (charger packed) in bandoliers (a) boxes	2	149	8	(b) 4 canvas buckets, &c., which are distributed amongst the whole of the pack animals.
Packsaddle , G.S., small (with cover and lashing) ... set	1	60	0	
Pad , surcingle ...	1	0	10	
Peg , picketing, with rope loop ...	1	1	3	
Rope , { lead ...	1	0	9	
heel* ...	1	0	11	
picketing ...	1	0	15	
Rubber , horse ...	1	0	4	
Share of additional gear (b) say	...	2	0	
Total equipment and load ...	...	229	2	

* 25 per cent. only. An additional peg is carried with each rope.

B.—ARTICLES CARRIED BY SPARE HORSES.

1 Spare Riding Horse	} per Battalion.
3 Spare Draught Horses	
1 Spare Pack Horse	
Bag, nose, G.S.	
Bit, portsmouth, reversible ...	
Blanket, saddle ...	
Brush, horse ...	
Collar, head ...	
Pad, surcingle ...	
Peg, picketing, with rope loop* ...	1 per horse.
Reins, bit ...	
Ropes, { head ...	
picketing ...	
Rubber, horse ...	
Surcingle, leather ...	
Bags, line gear ...	1 per packhorse.
Straps, bit attachment ...	2 per horse.

In addition to the above, the following articles are distributed amongst the spare horses in the proportion shown:—

Buckets, water, G.S., canvas ...	1 per 2 horses.
Ropes, heel (with picketing peg) ...	1 per 4 horses.

* An additional peg is carried for each heel rope.

Section 5.—CART AND WAGON EQUIPMENT.*

A.—SMALL ARM AMMUNITION CART.

(6 per Battalion.)

Articles.	No.	Approximate weight.		How packed.	Remarks.
		lbs.	ozs.		
Board, inventory, wood, with flat ...	1	0	11		
Brush, water, carriage ...	L	0	10	} In the locker.	
Buckets, water, G.S., canvas ...	7	8	12		
Cordage, tarred, spun-yarn hemp, 3-thread lbs. ...	5	5	0	In the locker.	
Grease, lubricating ...	3	3	0	In grease box.	
Lashings, white, 1-inch, 30-feet ...	2	2	6	In the locker.	
Ropes, drag, light, G.S. pair	1	6	6	Strapped on foot-board.	
Tools, for opening S.A.A. boxes ... sets (a)	1	4	4	In leather pocket on near side.	(b) Covers, rifle ... 1
Valises, horseshoe, small, with 2 pairs of shoes (and nails) ...	1	6	0		(c) The following spare parts are carried:—
Total equipment ...		37	1		2 blocks, brake, } In the field and trans- 1 pin, linch, } port ... } locker.
S.A.A. cart, with components, accessories (b) and spare parts (c) ...		955	0		1 pin, linch, } In pocket 2nd class ... } on near 1 washer, drag, } side. 2nd class C ...
Cart equipped ...		992	1	= 8½ cwt., about.	

* Horseshoes do not form part of cart and wagon "equipment," but will be taken from the "spare" allowed for the unit and carried in values in the proportions shown in this Section.

B.—MALTESE CART.

(1 per Battalion.)

Articles.	No.	Approximate weight.		How packed.	Remarks.
		lbs.	ozs.		
Axes,					
felling, curved handle	1	6	0		
head	1	4	8		
pick, {					
handle, 36-inch, ferruled	1	3	4		
Board, inventory, wood, with list	1	0	11		
Brush, water, carriage	1	0	10		
Bucket, water, G.S., canvas	1	1	4		
Cordage tarred, spun-yarn, hemp, 3-thread lbs.	5	5	0	In the body of the cart.	
Grease, lubricating	3	3	0	In the grease box.	
Hook, bill	1	2	0	On the front underside of cart.	
Ropes, drag, light, G.S., pair	1	6	6	On the body of the cart.	
Shovels, G.S.	2	7	0	One on each side.	
Valise, horseshoe, small, with 3 pairs of shoes (and nails)	1	9	0		
Total equipment		48	11		
Maltese cart, with components, accessories (a), and spare parts (b)		733	0		
Cart equipped		781	11	= 7 cwt., about.	

(a) Cover.
(b) Carried in the pocket on the offside, and consisting of—
Pins, linch, 3rd class

Washer, drag, 3rd class, "B"

C.—CART, WATER TANK, WITH FILTERING APPARATUS.

(2 per Battalion.)

Articles.	No.	Approximate weight.		How packed.	Remarks.
		lbs.	ozs.		
Axes, { heads, 4½ lb.	1	4	8		
pick, { handles, 36 in. ferruled	1	3	4		
Board, inventory, wood, with list	1	1	8	In small store box.	
Brushes, { cleaning tank (a)	1	1	8	In sterilizing kettle.	
washing	1	1	8		
Brushes, { water, carriage	1	1	8		
Buckets, water, G.S., canvas	1	2	0	In 4 tins.	
Clarifying powder (a) lbs.	2	2	0		
Cordage, tarred, spun yarn, hemp, 3-thread...	5	5	0	Secured by lashing as convenient.	
Grease, lubricating	3	3	0	In grease box.	
Shovels, G.S.	1	3	8		
Spanners, { apparatus, filtering	1	0	6½		
adjustable, 11-inch	1	1	16	In small store box.	
No. 287 (differential pump)(a)	1	1	0		
Valise, horseshoe, small (with 4 pairs of shoes and nails)	1	9	0	On cart.	

C.—Cart, Water Tank, with Filtering Apparatus.—continued.

(2 per Battalion.)

Articles.	Approximate weight. No.	How packed. lbs. [ozs.]	Remarks.
Total	Marks II ^a and II ^b carts	33 4	
Cart, water tank (with equipment, Mark IIC cart and accessories (c), and spare parts (d), (approximate))	Mark II ^a cart Mark II ^b cart Mark IIC cart Mark III cart	35 10 36 24 1,482 8 1,630 0 1,694 0	Approximate.
Cart, equipped (Marks II ^a and II ^b , Mark IIC and Mark III)	Mark II ^a Mark IIC Mark III	1,515 12 1,685 10 1,730 2	

		No. Marks of Cart.
Collars, cylinder cover bolts, apparatus, filtering	...	2 II ^a to III
Covers, clarifying reel, apparatus filtering (cloth)	...	2 II ^a and III
Measures, clarifying powder, 83 grains	...	3
Nuts, hexagon, 3-inch	...	1
Packings, wing, cylinder cover bolts, apparatus filtering	...	2 II ^a and III
Packings, differential pump (in tin box):—	2 II ^a to III	
Rings, leather, L section, set of 3, sets:	1 II ^a and III	
Washers, leather, " 4, "	1 "	
Pins, 1-inch, 1 st class, " "	1 "	
Pins, 1-inch, 2 nd class, " "	1 "	
Pins, 1-inch, 3 rd class, " "	1 "	
Reels, clarifying apparatus filtering (cloth covered)	2 II ^a and III	

(a) Marks II^a and II^b carts only.

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		No. Marks of Cart.
Rings, cylinder cover, clarifying (rubber round, candle, spindle, sterilizing section)	2 II ^a to III	
Strips, cover, clarifying reel (rubber)	12 II ^a to III	
Twine, packing, middling	4 II ^a and III	
Tap, water, small, No. 3	1 II ^a to III	
Washers, cylinder cover, sterilizing, filter (leather)	8 II ^a and III	
Washers, cylinder cover, sterilizing, filter (rubber)	12 II ^a to III	
drag, 1 st class, " C "	2 II ^a to III	
drag, 2 nd class, " B "	1 II ^a to III	
union, 1-inch hose	8 II ^a	
union, 1/2-inch hose	8 II ^a	

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(b) Mark III carts only.

(b) 10829)

B

D.—G.S. LIMBERED WAGON.

(3 per Battalion.)

Articles.	No.	Approximate weight. lbs. ozs.	How packed.	Remarks.
FORE PORTION.				
Beard, inventory, wood, with list	1	0 11	Locker, near side.	
Brush, water, carriage	1	0 10	Near side.	
Buckets, water, G.S. canvas	2	2 8	Tied to end of rope which secures tarpaulin cover.	
Cordage, spun yarn, hemp, tared, 3-thread lbs.	5	5 0	Near side.	
Grease, lubricating	3	3 0	In the grease box.	
Tools, opening, S.A.A. boxes, set (a)	1	4 4	Locker, near side.	
Valise, horseshoe, small, with 4 pairs of shoes (and nails)	1	12 0		
HIND PORTION.				
Grease, lubricating	3	3 0	In the grease box.	
Ropes, drag, light, G.S. pair	1	6 6	On perch.	
Total equipment		37 7		
G.S. limbered wagon with components, accessories (b), and spare parts (c)		1,235 8		
G.S. limbered wagon, equipped		1,272 15	= 11½ cwt. (about).	

E.—G.S. WAGON.
(4|| per Battalion.)

Articles.	No.	Approximate weight. lbs. ozs.	How packed.	Remarks.
Axes, falling, curved handle... pick, head... head, 36-in., ferruled				
Board, inventory, wood, with list	1	3 4	In the locker.	
Brush, water carriage	1	0 11		
Buckets, water, G.S. canvas	1	0 10		
Cordage, tared, spun yarn, hemp, 3-thread...	5	5 0	In the locker.	
Grease, lubricating	6	6 0	In the grease boxes.	
Hook, bill...	1	2 0	In the locker.	
Ropes, drag, light, G.S. pair	1	6 6	Strapped under the raves, off side.	
Shovels, G.S.	2	7 0	In the locker.	
Valise, horseshoe, large, with 3 pairs of shoes (and nails)	1	12 0		
Total equipment		55 15		
G.S. wagon with components, accessories (a), and spare parts (b)...		1,932 8		
G.S. wagon, equipped		1,938 7	= 17½ cwt. (about).	

|| 5 per battalion when not in possession of travelling kitchens. 2 more G.S. wagons may be used when blankets are especially ordered to be carried (see Section 2 (ii), footnote).

† Also Marks VI to VIII* with 2nd class hind axletrees.

§ Marks IX, X, and X* wagons. Only required when using No. 43 wheel.

F.—TRAVELLING KITCHEN,
(4 per Battalion.)

Articles.	No.	Approximate weight. lbs. ozs.	How packed.	Remarks.
LIMBER.				
Valise, horseshoe, large, with 2 pairs of shoes (and nails) ...	1	10	8	In "off" locker under rear.
* remainder of equipment and cooks' implements ... about	90	0		
Total equipment ... about	100	8		
Kitchen, with components, accessories (a), and spare parts (b)	1.982	0		Approximate only.
Traveling kitchen equipped ...	2.082	8		= 18½ cwt., about.

* The kitchen equipment and cooks' implements, &c., are under consideration.

Section 6.—CART AND WAGON LOADS.

The distribution of the loads carried by transport vehicles, shown in this section, has been arrived at after a series of packing trials, and a departure from it would only be justified by exceptional circumstances.

For purposes of calculation, the approximate load for a G.S. wagon with 2 heavy draught horses has been taken as 3,000 lbs. The weights of individual items in the loads, of different marks of wagons, and of individual wagons of the same Mark may be found to vary.

The articles of "wagon equipment"; and such articles of the "loads" as luggage saddles, spare wheels and poles, &c., which are required for general transport purposes, will at all times remain with the vehicles and are not to be left with the unit when vehicles return to refit.

A.—SMALL ARM AMMUNITION CART.

(1 for M.G. Section, 5 for remainder of Battalion.)

Articles.	No	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE BODY.				
Blanket, saddle (a)	1	5	4	(a) For the off horse. (b) Each box contains 1,000 rounds, charges packed in bandoliers.
Cartridges, S.A., ball, .303-inch (b) boxes	16	1,200	0	
Load ...	...	1,205	4	
S.A.A. cart equipped (cf. page 29)	...	992	1	
Total, loaded S.A.A. cart	...	2,197	5	≈ 20 cwt., about.

NOTES:—

- Two of the S.A.A. carts will carry pistol ammunition as follows:—
One cart. One complete box (300 rounds), weight, 16 lbs. 8 ozs.
One cart. 120 rounds.
The remainder will carry no pistol ammunition.
- The S.A.A. cart with the machine-gun section carries, in addition, 4 spare belts, ammunition, Maxim (empty), weight (4) 8 lbs. 12 ozs. packed in the locker.

B.—MALTESE CART.
(1 per Battalion.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE BODY.				
Blanket, saddle (a) ...	1	5	4	(a) For the draught horse.
Companion, medical, complete, with water-bottle (filled) ...	1	19	2	
Haversack, surgical, complete, with water-bottle (filled) ...	1	13	2	
Panniers, medical, { No. 1 ...	1	91	0	
{ (complete) No. 2 ...	1	72	0	
Stretchers, ambulance ...	8	272	0	
Load	472	8		
Maltese cart, equipped (cf. page 30) ...	781	11		
Total, loaded cart ...	1,254	3		= 11½ cwt., about.

C.—CART, WATER (FILTER).
(2 per Battalion.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE BODY.				
Blanket, saddle (a) ...	1	5	4	(a) For the off horse.
Water gallons.	118†	1,140	0	
Water cart, equipped (cf. page 31) ...				
Marks II A and II B ...		1,515	12	
Mark II C ...		1,685	10	
Mark III ...		1,730	2	
Total, loaded cart:—				
Mark II A and II B ...		2,661	0	= 23½ cwt., about.
Mark II C ...		2,830	14	= 25½ cwt., about.
Mark III ...		2,875	6	= 25½ cwt., about.

† Mark III cart, 118 gallons.; Marks II A to II C, 114 gallons.

D.—G.S. LIMBERED WAGONS FOR TOOLS.
(2 per Battalion.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
FORE PORTION.				
Rifle (of driver)	1	8	15‡	
Fore part:—				
Axes, pick; helve 28-inch, ferruled ...	38	123	0	
Implements, intrenching, heads long, patt. '08 { helve	9	12	3	
Shovels, G.S.	23	7	14	
Rear part:—	27	94	8	
Axes, { felling, curved helve	8	48	0	Carried on clips.
hand ...	4	9	0	(a) Containing, in addition to the usual set, a pair of pincers, horn cutting.
pick, heads ...	38	171	0	(b) For the off horse.
Crowbars, 3 ft. 6 in. ...	4	46	0	(c) Carried in a sack in the wagon to enable the team to be used with shaft draught vehicles on emergency. The following is a detail of the appurtenances of the saddle:—
Hooks, { bill	20	39	6	bands, back
reaping ...	10	10	0	girths, luggage ...
Mallet, heelpeg ...	1	2	8	numnah, felt, luggage ...
Nails, wire, iron, { 8-inch lba.	1	1	0	reins, side... straps, { baggage,
grooved, ...	3	3	0	girth ...
Shovels, G.S.	28	98	0	surcingle, leather ...
				tugs, backband ...
				pannels, numnah, luggage pr. 1
				(d) The following will be carried on the luggage saddle by the off wheel horse in the event of the team being used with shaft draught in an emergency:—
Bag, tool, farriers (filled) (a) ...	1	15	0	bags, nose, with 8 lbs.
Blanket, saddle (b) ...	1	5	4	corn ...
Box, candle, F.S. (filled) ...	3	5	1	brushes, horse ...
Implements, intrenching, patt. '08, helve (spare) ...	12	6	2	rubbers, horse ...
Lanterns, tent, folding ...	3	20	5‡	pad, surcingle ...
Luggage saddle with appurtenances (c) and articles (d) ...	1	43	4	peg, picketing ...
Panniers, signalling, filled ...	3	180	0	rope, { heel ...
Load	953	12‡		rubber, horse ...
G.S. limbered wagon equipped (cf. page 34) ...	1,272	15		† Plus one, additional, when heelrope is carried.
Total, loaded G.S. limbered wagon, No. 1 ...	2,226	11‡		‡25% only; for restive horses.
				* 4 per battalion with travelling kitchens.
				= 20-cwt., about.

NOTES.—1. The removable partition in the hind portion must be removed to admit of the above system of packing.
2. Units in possession of the one-man range-finder will carry the cases of adjusting instruments in the hind portion of this wagon, and No. 2 G.S. limbered wagon for tools.

The weights of the cases (packed) are as follows:—

For No. 1 (Marindin) R.F. 11 lbs.

For No. 2 (Barr & Stroud) R.F. 11‡ lbs.

D.—G.S. LIMBERED WAGONS FOR TOOLS.

(2 per Battalion.)

No. 2.

Articles.	No.	Appropri- mate weight.		Remarks.
		lbs.	ozs.	
FORGE PORTION.				
Rifle (of driver) ...	1	8	15 $\frac{1}{2}$	Carried in clips.
<i>Forge part:—</i>				
Axes, pick; helves, 36-inch, ferruled ...	38	123	0	
Implements, in-heads trenching, patt. '08; helves	8	11	0	
Shovels, G.S. ...	22	7	14	
	27	94	8	
<i>Rear part:—</i>				
Axes, felling, curved helves	8	48	0	
Axes, bend ...	4	9	0	
Axes, pick, heads ...	38	171	0	
Crowbars, 3-ft. 6-in. ...	4	46	0	
Hooks, (bill ...	20	39	6	
Hooks, (scraping ...	10	10	0	
Mallet, heelpeg ...	1	2	8	
Nails, wire, 6-inch lbs. iron, grooved, $\frac{1}{4}$ "	1	1	0	
Nails, wire, iron, grooved, $\frac{1}{4}$ "	2	2	0	
Shovels, G.S. ...	28	98	0	
HIND PORTION.				
Blanket, saddle (a) ...	1	5	4	(a) For the off horse.
Boxes, candle, F.S. (filled) ...	4	6	12	
Implements, intrenching, patt. '08;—helves (spare) ...	12	6	0	
Lanterns, tent, folding ...	4	2 $\frac{1}{2}$	2	(b) 8 5-ft. 6-in. poles and 16 3-ft. 6-in. poles in a bundle.
Luggage saddle, with appurtenances and articles as at (c) and (d) page 39 ...	1	43	4	
Panniers, signalling, filled ...	3	18 $\frac{1}{2}$	0	
Poles (b) ...	...	10	0	
Load ...	...	950	9 $\frac{1}{2}$	
G.S. limbered wagon, equipped (cf. page 34) ...	...	1,272	15	
Total, loaded G.S. wagon, No. 2 ...	...	2,223	8 $\frac{1}{2}$	= 20 cwt. about.

NOTE:—The removable partition in the hind portion must be removed to admit of the above system of packing.

E.—COOKS' WAGON.*

(1 G.S. Wagon per Battalion without travelling kitchens.)

Articles.	No.	Appropri- mate weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Balance, spring, 80-lb. (a) ...	1	3	11	(a) On hook.
Box, candle, F.S. (filled) ...	1	1	11	
Knives, opening tins ...	2	1	8	
Lantern, tent, folding ...	1	6	10 $\frac{1}{2}$	
Reins, driving, long ...	set	4	4	
IN THE BODY.				
<i>Equipment and stores:—</i>				
Blankets, saddle (b) ...	1	5	4	(b) For off horse.
Implements, butchers' set ...	1	87	0	
Kettles, camp, (packed) ...	10	170	0	
oval, 12-qts. for officers				
for rank and file ...	61	518	8	
Luggage saddle, with appurtenances and articles as at (c) and (d) page 39 ...	1	43	4	
Whip, driving ...	1	1	0	
Supplies:—				
Dried Vegetables ...	...	202	8	4 cases of 30 lbs. net each (48 $\frac{1}{2}$ lbs. gross), 1 canister of 5 $\frac{1}{2}$ lbs. net (8 $\frac{1}{2}$ lbs. gross).
Groceries. Mustard ...	...	5	3 $\frac{1}{2}$	3 $\frac{1}{2}$ lbs. in 12 tins of 4 ozs. net each and 1 tin of 3 ozs. net. Gross weight of 1 lb. tin = 6 $\frac{1}{2}$ ozs.
Pepper ...	2	7 $\frac{1}{2}$		In 1 tin of 1 lb. net and 1 tin of $\frac{1}{4}$ lb. net. Gross weight of 1 lb. tin = 1 lb. 5 $\frac{1}{2}$ ozs.
Salt ...	...	88	8	In a sack.
Sugar ...	...	129	14	In one sack of 80 lbs. net and one of 45 $\frac{1}{2}$ lbs. net. 19 $\frac{1}{4}$ lbs. in canisters.
Tea ...	...	25	2 $\frac{1}{2}$	120 lbs. in 2 c/s of 50 lbs. net each and 1 c/s of 26 lbs. net.
Jam ...	...	190	0	
Meat, preserved ...	...	1,210	3	In 16 cases of 60 rations each and 1 c/s of 47 rations, or 1,258 $\frac{1}{2}$ lbs. fresh or frozen meat in lieu.
Load ...	...	2,591	11	
G.S. wagon equipped (cf. page 36) ...	...	1,988	7	
Total loaded cooks' wagon	...	4,580	2	= 41 cwt. about.

* Eventually this vehicle will be replaced by 4 travelling kitchens.

F.—TRAVELLING KITCHEN.
(4 per Battalion.*)

Articles.	No.	Approximate weight.	Remarks.
		lbs.	ozs.
WAGON BODY.			
<i>Supplies:—</i>			
Meat, fresh or frozen	...	157	8
Vegetables, dried	...	15	12
Wood	...	112	0
†Water	... gallons.	22	220 0
56 lbs. in each rear compartment. † The amount of water is approximate only, and will vary according to local circumstances.			
LIMBER.			
<i>Equipment and Stores:—</i>			
Blanket, saddle	1	5	4
Kettles, camp, oval, 12 qts., for officers (packed)	2	34	0
Rifle, of driver, in cover	1	8	15
†Surcingle, leather	1	0	15
<i>Supplies:—</i>			
<i>Groceries:—</i>			
Mustard	...	0	13
Pepper	...	0	7
Salt	...	7	14
Sugar	...	31	8
Tea	...	4	15
Jam	... lbs.	32	32 0
Meat, fresh or frozen	...	157	8
Vegetables, dried	...	15	12
†Water	... gallons.	18	180 0
† The amount of water is approximate only, and will vary according to local circumstances.			
Load	...	985	3 $\frac{1}{4}$
Travelling kitchen equipped (c/s page 36)	...	2,082	8
Total loaded travelling kitchen	...	3,067	11 $\frac{1}{4}$ = 27 $\frac{1}{2}$ cwt., about.

* Applies only to those battalions which have actually exchanged their cooks' wagon for four travelling kitchens. The supplies shown above are sufficient for 252 men. The kitchen has 9 boilers of an estimated capacity of 6 $\frac{1}{2}$ gallons each, total 58 $\frac{1}{2}$ gallons (5 boilers in the body, 4 in the limber).

G.—G.S. LIMBERED WAGON FOR MACHINE-GUN SECTION.
(1 per Battalion.)

Articles.	No.	Approximate weight.		Remarks.		
		lbs.	ozs.			
FORE PORTION.						
<i>Rifle, of driver</i>						
Axes, pick { head	1	4	8			
{ helve, 36-inch, ferruled	1	8	4			
Bags, sand, common	1	8	4			
Bar, carrying Maxim gun on tripod	15	8	14			
Belts, ammunition, Maxim, .303-inch (in boxes) (a)	1	1	10			
Box, spare parts and tools, Maxim (filled)	14	271	0	(a) Each belt contains 250 rounds, S.A.A.		
Cans, { lubricating No. 9 (b)	1	81	0	(b) One for mineral oil, one		
{ half-pint (c)	2	1	10	for oil, petroleum, lubricating, packed in the case, can, .303-inch.		
Cases, cans, .303-inch, tripod, mountings	2	0	14			
Clinometer, field (in case)	1	2	3			
Condenser, steam	1	2	8	(c) One for oil, petroleum, lubricating; one for turpentine, packed in the case, can, .303-inch.		
Drum, oil, 3-gallons, with bung (containing spare supply of water)	1	2	4			
Flannelette { protectors, muzzle	6	37	8			
{ 303-inch, complete (in leather case, with cleaning rod and spare gun barrel)	1	0	4			
Guns, Maxim, { plug, cork, complete	1	103	4			
{ lock cover (spare) (d)	1	0	1			
Hooks, bill	1	0	4	(d) Carried in box, spare parts, &c.		
Lamps, sige, candle, with stand (in box)	2	12	10			
Linen, old (for cleaning)	1	1	0			
Mallet, heelpegs	1	2	8			
Mountings, { 303-inch Maxim gun, Mark IV, complete (with hood, protecting)	1	59	0			
{ pins, joint, { crosshead	1	0	10			
Muzzle attachment for ball firing	1	0	5			
Plug, belt, Maxim, .303-inch	1	1	7			
Reflector, mirror, M.G., .303-inch	1	0	4			
Shovel, G.S.	1	0	1			
HIND PORTION.						
Axes, pick { head	1	4	8			
{ helve	1	3	4			
Bags, sand, common	15	8	14			
Bar, carrying Maxim gun on tripod	1	1	10			
Belts, ammunition, Maxim .303-inch (in boxes) (a)	14	271	0			
Blanket, saddle (e)	1	5	4	(e) For the off horse.		
Box, spare parts and tools, Maxim (filled)	1	30	12			
Cans, { lubricating, 1 lb. (filled)	2	1	8			
{ half-pint (c)	2	1	10			
	2	0	14			

G.—G.S. Limbered Wagon for Machine-Gun Section—continued.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
HIND PORTION—continued.				
Cases, cans, 303-inch, tripod mountings	1	2	3	
Clinometer, field (in case)	1	2	8	
Condenser, steam	1	2	4	
Drum, oil, 3-gallons, with bung (containing spare supply of water)	1	37	8	
{ protector, muzzle	1	0	3	
{ 303-inch, complete (in leather case, with cleaning rod and spare gun barrel)	1	0	1	
Guns, Maxim, 1	100	4		
{ plug, cork, complete	1	0	4	
{ locks, cover (spare) (d)	1	2	0	
Hook, bill	1	2	0	
Lamps, siege, candle, with stand (in box)	2	12	10	
Luggage, Saddle, with appurtenances and articles as at (a) and (d) page 39	1	43	4	
Machine, filling belts, Maxim, 303-inch, Mk. II (in chest) (1)	1	42	0	
{ 303-inch Maxim gun, Mark IV, complete (with hood protecting)	1	50	1	
Mountings, tripod	1	0	10	
Muzzle attachment for ball firing	1	1	7	
Reflector, mirror, M.G., 303-inch	1	0	1	
Shovel, G.S.	1	3	8	
Load	1,190	12		
G.S. wagon, equipped (cf. page 34)	1,272	15		
Total loaded G.S. limbered wagon, with machine-gun section	2,469	11	= 22 cwt., about.	

NOTES.—

1. Photographs illustrating the method of packing this wagon are shown in the Machine Gun Handbook.
2. Nos. 1-4 of machine-gun section will have their packs carried for them on the march. They will put their rifles into the wagon when going into action.

H.—G.S. WAGONS FOR BAGGAGE, STORES, AND SUPPLIES.

(Baggage Section of Train—2 G.S. Wagons.)

No. 1 G.S. Wagon.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Box, (chiroptery set	1	2	11	
{ candle, F.S. (filled)	1	1	11	
Lantern, tent, folding	1	6	10 $\frac{1}{2}$	
Reins, driving, long	1	4	4	
IN THE BODY.				
<i>Equipment and Stores:—</i>				
Baggage, (C.O. ...	1	50	0	
{ other officers	14	490	0	
Bag, tool, shoemakers (filled)	1	26	0	
Blankets, saddle (a)	12	63	0	
Boots, ankle, spurs, assorted sizes (b)	15	75	0	
Boxes, stationery, field (filled)	2	93	0	
Buckets, water, G.S., canvas (c)	18	16	4	
Luggage saddle, with appurtenances and articles as at (c) and (d) page 39	1	48	4	
Mauls, G.S. (1 head, 2 halvers)	15	15	12	
Posts, picket, 2 $\frac{1}{2}$ -ft., with rope loop	13	52	0	
Ropes, heel, large	2	2	8	
Shafts, for S.A.A. (No. 1, near carts (spare) (No. 19, off	1	38	0	
Sheets, ground (d)	1	58	0	
Shoes, canvas, assorted sizes	479	1,257	8	
{ pairs	25	50	0	
Surcingle and pad (e)	1	1	9	
Wheel, No. 159, for G.S. wagon, fore (spare)	1	132	0	
Whip, driving	1	1	0	
Load	2,479	1 $\frac{1}{2}$		
G.S. wagon equipped (cf. page 35)	1,988	7		
Total loaded G.S. wagon No. 1	4,467	8 $\frac{1}{2}$	= 40 cwt., about.	

(a) For officers' and off horses.

(b) Kilted battalions will carry Highland shoes in lieu of boots.

(c) 10 for battalions without travelling kitchens.

(d) 2 additional sheets for battalions with travelling kitchens.

(e) For off lead horse.

H.—G.S. Wagons for Baggage, Stores, and Supplies—cont.
(Baggage Section of Train—2 G.S. Wagons)—cont.
No. 2 G.S. Wagon.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Box, candle, F.S. (filled) ...	1	1	11	
Chain, draught pole No. 2 ...	1	4	3	
Handcuffs, common ... pairs	8	12	0	
Lantern, tent, folding ...	1	6	10 $\frac{1}{2}$	
Reins, driving, long ... set	1	4	4	
STRAPPED ON SPLINTER BAR.				
Jack, lifting, G.S. ...	1	35	0	
IN THE BODY.				
<i>Equipment and Stores:</i> —				
Baggage, officers ...	15	525	0	
<i>Armourer's</i> small-arms (filled) ...	1	7	12	
Bags, armourer's , bicycles, containing tools and spares parts ...	1	24	13	
Bar, supporting draught pole ...	1	9	2	
Blankets, saddle (a) ...	1	5	4	(a) For off horse.
Blocks, tackle, G.S. (double) ...	1	4	0	
1 $\frac{1}{2}$ -in. cordage (snatch) ...	1	2	7	
Boots, ankle, spare, assorted sizes ...	15	75	0	
Boxes, harness and saddlery (with No. 2 clearing rod) ...	1	36	0	
Brushes, harness, hard (b) ...	1	1	2	
Buckets, water, G.S., canvas ...	20	8	12	(b) 16 only for Bn. without kitchens.
Cheat, tool, No. 4 (filled with carpenters' tools and materials), and padlock ...	1	80	0	
Cordage, hemp, hawser, 1 $\frac{1}{2}$ -in. fms. ...	20	12	8	
<i>3-strand</i> , white, 1-in. fms. ...	36	9	0	
<i>Tarred, spun yarn, hemp</i> lbs. ...	14	14	0	

H.—G.S. Wagons for Baggage, Stores, and Supplies—cont.
(Baggage Section of Train—2 G.S. Wagons)—cont.
No. 2 G.S. Wagon—cont.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE BODY—continued.				
Dubbing, 2-lb. boxes ...	2	4	8	
Flannelette ...	350	11	12	
Linen, old, for cleaning arms lbs.	4	4	0	
Luggage saddle, with appurtenances and articles as at (c) and (d) page 39 ...	1	43	4	
Oil, petroleum, lubricating pints (b) ...	50	69	0	
Picketing (mallets, heel pegs, picketing, with gear, pegs, picketing, with rope loop (spare) ...	7	17	8	
Pole, No. 17, for G.S. limbered wagon ... (spare) ...	12	13	10	(b) Packed in:— Two 3-gallon drums.
Rugs, horse (c) ...	1	38	0	One quart oil bottle.
Sheets, ground ...	4	44	0	
Sheets, ground ...	489	1,283	10	
Shoes, pairs	25	50	0	(c) Three only for battalions without travelling kitchens.
<i>horse</i> ...	11 $\frac{1}{2}$	83	0	
Surcingle and pad (d) ...	1	1	9	
Wheel, No. 48, for G.S. limbered wagon ...	1	178	0	(d) For off lead horse.
Whip, driving ...	1	1	0	
Load ...	...	2,686	5 $\frac{1}{2}$	
G.S. wagon, equipped (c, page 35) ...	...	1,988	7	
Total, loaded G.S. wagon, No. 2	...	4,674	12 $\frac{1}{2}$	= 41 $\frac{1}{2}$ cwt., about.

† 8 pairs for battalions without travelling kitchens.

H.—G.S. Wagons for Baggage, Stores, and Supplies—cont.
(Supply Section of Train—2 G.S. Wagons.)

No. 3 G.S. Wagon.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Balance, spring, 80 lbs.	1	3	11	
Box, candle, F.S. (filled)	1	1	11	
Knives, opening tins ...	3	2	4	
Lantern, tent, folding...	1	6	10 $\frac{1}{2}$	
Reins, driving, long ... set	1	4	4	
IN THE BODY				
<i>Equipment and Stores:</i>				
Blankets, saddle (a) ...	1	5	4	(a) For the off horse.
Implements, butchers set	1	34	0	
Kettles, camp, oval, 12 qts.	6	51	0	
Luggage saddle, with appurtenances and articles as at (c) and (d) page 39 ...	1	43	4	
Mauls, G.S., helved ...	1	13	14	
Posts, picket, 2 $\frac{1}{2}$ ft. with rope loop ...	12	48	0	
Ropes, heel, large ...	2	2	8	
Surcingle and pad ...	1	1	9	
Wheel, No. 200 (or No. 158 in lieu), G.S. wagon, hind (spare) ...	1	165	0	
Whip, driving ...	1	1	0	
<i>Supplies:</i>				
Biscuits (b) ... rations	1,007	1,450	0	(b) In 20 cases of 50 lbs. net each, and 1 canister of 7 lbs. net, or 1,258 $\frac{1}{4}$ lbs. bread in lieu.
Cheese (c)	1,007	225	13	
Oats (d) ... rations	56	690	0	(c) 188 $\frac{1}{2}$ lbs. net, in 3 cases of 60 lbs. net each, plus 8 $\frac{1}{2}$ lbs. loose in wrappers.
Load	2,749	121		(d) 8 sacks of 80 lbs. net, and 1 sack of 32 lbs., plus weight of sacks.
G.S. wagon equipped (cf. page 35)	1,988	7		
Total, loaded G.S. wagon, No. 3	4,738	3 $\frac{1}{2}$		= 42 cwt., about.

H.—G.S. Wagons for Baggage, Stores, and Supplies—cont.

(Supply Section of Train—2 G.S. Wagons)—cont.

No. 4 G.S. Wagon.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE BODY.				
Equipment and Stores:—				
Blankets, saddle ...	1	5	4	For the off horse.
Kettles, camp, oval, 12 qts.	6	42	8	
Luggage saddle, with appurtenances and articles as at (c) and (d) page 39 ...	1	43	4	
Pole, draught, No. 7A, for G.S. wagon (spare) ...	1	40	0	
Surcingle and pad ...	1	1	9	
Wheel, No. 27, for S.A.A. carts (and 2 washers, axle-tree, 2nd class "C" (point and shoulder, for S.A.A. carts) (spare) ...	1	280	0	
Whip, driving ...	1	1	0	
<i>Supplies:</i>				
Bacon ... rations	1,007	344	0	4 cases, and 11 $\frac{1}{2}$ lbs.
Groceries:—				
Mustard ... "	1,007	5	2 $\frac{1}{2}$	12 tins of $\frac{1}{2}$ lb. net, and 1 tin of 2 ozs. net.
Pepper ... "	1,007	2	7 $\frac{1}{2}$	1 tin of 1 lb. net, and 1 tin of $\frac{1}{2}$ lb. net.
Salt ... "	1,007	88	7 $\frac{1}{2}$	1 sack of 31 $\frac{1}{2}$ lbs. net.
Sugar ... "	1,007	194	13	2 sacks of 80 lbs. net and 1 sack of 28 $\frac{1}{2}$ lbs. gross.
Tea ... "	1,007	60	1 $\frac{1}{2}$	1 case of 30 lbs. net, and 1 canister of 9 $\frac{1}{2}$ lbs. net.
Jam ... "	1,007	367	6	5 cases each 50 lbs. net and 2 tins (loose) of 1 lb. net each carried with preserved meat.
Vegetables, dried ...	1,007	202	8	4 cases of 30 lbs. net each and 1 canister of 51 $\frac{1}{2}$ lbs. net.
Meat, preserved ... "	1,007	1,210	3	16 complete cases of 60 rations each, and 1 case of 47 rations, or 1,258 $\frac{1}{4}$ lbs. fresh or frozen meat in lieu.
Load	2,798	7 $\frac{1}{2}$		
G.S. wagon equipped (cf. page 35)	1,988	7		
Total, loaded G.S. wagon, No. 4	4,786	14 $\frac{1}{2}$		= 42 $\frac{1}{2}$ cwt., about.

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Section 7.

DATA ON WHICH THE TRANSPORT OF AN INFANTRY BATTALION IS CALCULATED.

TABLE A.—AMMUNITION.

I.—APPROXIMATE AMOUNT OF AMMUNITION AVAILABLE.

Where carried.	No. of rounds per			Remarks.
	Rifle.	Pistol.	Machine Gun.	
On the soldier	120	12	—	
With machine guns (service ammunition)	—	—	3,500	
In regimental reserve	100	12	8,000	
With brigade ammunition column	80	12	5,000	
With divisional ammunition column	50	—	5,000	
Total with field units ...	350	36	24,500	

II.—S.A.A. (.303-inch, Mark VII).*

(i.)—Allowance:—

			rounds.
934 rifles @ 220	...	...	205,480
11 pioneers @ 80	...	...	880
8 W.O. and S.-serjeants @ 25	...	...	200
1 armourer @ 20	...	...	20
97 base details @ 120	...	...	11,640
2 machine guns @ 11,500	...	...	23,000
Total†	...	...	241,220

* Battalion with travelling kitchens.

† Unless orders to the contrary are issued, service S.A.A. will not be distributed to individuals until the place of disembarkation is reached (cf. Mobilization Regulations). Local transport will be provided to convey the ammunition in bulk to the place of entraining.

II.—S.A.A. (.303-inch)—continued.

(ii.)—Distribution:—

		rounds.
917 men @ 120	...	110,040
17 signallers @ 50	...	850
11 pioneers @ 80	...	880
5 W.O. and S.-serjeants @ 25	...	125
1 armourer @ 20	...	20
Details at base:—		
3 S.-serjts. @ 25	...	75
97 men @ 120	...	11,640
		123,630
8 pack animals @ 2,000	...	16,000
6 S.A.A. carts @ 16,000	...	96,000
28 M.G. belts @ 250	...	7,000
Total	...	242,630*

* 241,220 rounds are shown in the mobilization store table, but when actually in the field S.A.A. carts and pack animals will be fully loaded.

III.—PISTOL AMMUNITION.

(i.)—Allowance:—

			rounds.
29 officers @ 24	...	...	696
1 medical officer @ 24	...	...	24
1 base detail @ 12	...	...	12
5 rangefinders @ 24	...	...	120
Total	...	...	852

(ii.)—Distribution:—

Carried by 29 officers @ 12	...	...	348
" 1 M.O. @ 12	...	...	12
" 1 base detail	...	...	12
" 5 rangefinders @ 12	...	...	60
1 box (300 rounds) in a S.A.A. cart	...	...	300
120 rounds in another S.A.A. cart	...	...	120

852

B.—TOOLS (GENERAL DISTRIBUTION)

The following list comprises only some of the most important of the tools carried by an infantry battalion in the field and does not include tools for opening packages nor tools forming part of "artificers' sets.

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Except the handsaw, which is included in the carpenter's tools.

C.—RATIONS AND FUEL.

Detail of rations and fuel carried in the field with Units, and in Army Service Corps Trains and Supply Columns.

FIELD RATION.		Iron Ration.	Remarks.
Bread and Meat. Ration.	Grocery Ration.	1 lb. (nominal) Preserved meat, 12 ozs. biscuit, 4 ozs.	
1 lb. fresh or frozen or 1 lb. (nominal) preserved (a) or salt meat. 11 lbs. bread (b) or 1 lb. biscuits (c) or flour. 4 oz. bacon (d).	Tea, sugar, jam, salt, pepper, cheese and must- ard (as detailed in A.I.owance Regulations).	Vegetable Ration. 2 ozs. dried onions.	(a) Packed in wood cases not exceeding 80 lbs. weight, containing 60 rations (nominal) 1 lb. thus. (b) Carried in sacks. (c) Packed in wood cases not exceeding 80 lbs. weight, containing 50 rations. (d) Packed in wood cases containing 60 lbs. bacon not exceeding 80 lbs., gross weight.
How carried, normally.	(e)	(e)	1 (h)
On the soldier	1	1	—
In vehicles for cooks or travelling kitchens	(f)	(f)	—
In A.S.C. trains ... or In supply columns	1	1	—
Total ...	2 (g)	2 (g)	1 (h)

Ried when so ordered by the C.-in-C.

1.--No fuel will be carried normally, except for mechanically propelled vehicles and will be issued for handling purposes and be supplemented by fuel obtained locally.

2.—Reserve parks, each with a carrying capacity of 2 days. Iron rations will be issued for hunting purposes and be supplemented by 2 days Iron rations will be available for use if required.

3.—Fresh Vegetables will be issued when available.

D.—FORAGE.

Detail of forage carried in the field with units and in Army Service Corps trains and supply columns for each horse.

How carried.	Corn ration 12 lbs.	Remarks.
On the horse ...	1 (a)	(a) The day's ration issued the previous evening less any portion consumed.
In A.S.C. trains or } In supply column } ...	1	
Total ...	2 (b)	(b) Less any portion consumed of the ration carried on the horse.

Notes.—1. The above scale of forage is applicable to a country where hay is available.

2. Forage for the day of entrainment will be carried as directed in Mobilization Regulations.

E.—SUPPLIES REQUIRED FOR ONE DAY.

The following table, which is inserted for the purpose of easy reference, shows the detail of supplies which would be required by a battalion for one day:—

Detail.	Bat-talion Head-quarters.	M.G. Section.	One Com-pa-ny.	Bat-talion.
*Establishment { personnel	81	18	227	1,007
horses	31	5	5	56
Biscuits	lbs.	81	18	227
Bread (in lieu of biscuits)	"	101 $\frac{1}{4}$	22 $\frac{1}{4}$	283 $\frac{1}{4}$
Bacon	"	20 $\frac{1}{4}$	4 $\frac{1}{2}$	56 $\frac{1}{4}$
Cheese	"	15 $\frac{1}{2}$	3 $\frac{1}{2}$	42 $\frac{1}{2}$
Groceries:—				188 $\frac{1}{2}$
Mustard	"	4 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Tea	"	3 $\frac{1}{2}$	8 $\frac{1}{2}$	39 $\frac{1}{2}$
Sugar	"	15 $\frac{1}{2}$	8 $\frac{1}{2}$	42 $\frac{1}{2}$
Salt	"	1 $\frac{1}{2}$	9 ozs.	7 $\frac{1}{2}$
Pepper	"	2 ozs.	1 $\frac{1}{2}$ lb.	1 $\frac{1}{2}$ lbs.
Jam	lbs.	21	5	57
(fresh (in lieu of				252
Meat, { preserved	"	101 $\frac{1}{4}$	22 $\frac{1}{4}$	283 $\frac{1}{4}$
{ preserved	"	81	18	227
Oats	"	372	60	60
Vegetables—fresh (a)	"	40 $\frac{1}{2}$	9	113 $\frac{1}{2}$
or dried	"	10 $\frac{1}{2}$	2 $\frac{1}{2}$	28 $\frac{1}{2}$
Lime juice (b) †	pts.	2	1	51
Rum (c) †	"	10	2 $\frac{1}{2}$	28 $\frac{1}{2}$
Tobacco (c) †	lbs.	1 $\frac{1}{2}$	5 ozs.	4 $\frac{1}{2}$ lbs.
				18 lbs.

* Excludes A.S.C. drivers and horses of the train.

(a) To be issued when available, but not to be carried in regimental transport when troops are marching daily.

(b) Lime juice is issued when fresh vegetables are not supplied, or at the discretion of the G.O.C. on recommendation of the medical officer.

(c) Issued at the discretion of the G.O.C. on recommendation of the medical officer.

† Not carried normally in supply columns or A.S.C. trains.

F.—SIGNALLING EQUIPMENT FOR AN INFANTRY BATTALION IN THE FIELD.

Detail.	Total per battalion.	Carried by Signallers		In tool wagons.
		Signalling Ser-jants.	16 Signallers.	
Binoculars, in cases ...	9	1	8	...
Cases, message book ...	8	1	7	...
Compasses, prismatic, in cases ...	8	1	7	...
Cotton waste, white ...	2 lbs.	2	8	...
blue, { 3 feet square	8	8	8	...
Flags, { white } 3 " "	16	16	16	...
signal, { with } 3 " "	8	8	8	...
army, stripe, " "	16	16	16	...
poles, { 5 feet 8 inches	24	16	16	8
3 " 6 "	48	32	32	16
Heliographs, 5-inch ...	8	6	6	...
Lamps, signalling, "B" ...	8	8	8	...
Stands, { lamp or heliograph	8	8	8	...
" A " ...	8	8	8	...
Telescopes, signalling ...	8	8	8	...
Watches ...	8	1	7	...
BOOKS, STATIONERY, &c.				
Books, signalling manual ...	9	1	8	...
Forms, army:—				
C. 2121 ...	15 pads	1	8	6
C. 2123 ...	28	3	3	...
C. 398 ...	350	350	350	...
Pencils ...	Will be issued as required.			

All lamps are filled for service, a reserve of oil and wick for signalling lamps is carried in the supply columns.

The poles carried loose in the wagons will be tied in bundles.

The six panniers, packed, weigh 360 lbs.; the poles weigh 10 lbs.



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